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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 6025194 A

L1: Entry 1 of 8 File: USPT Feb 15, 2000

US-PAT-NO: 6025194
DOCUMENT-IDENTIFIER: US 6025194 A
TITLE: Nucleic acid sequence of senescence asssociated gene

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 5994076 A

L1: Entry 2 of 8 File: USPT Nov 30, 1999

US-PAT-NO: 5994076
DOCUMENT-IDENTIFIER: US 5994076 A
TITLE: Methods of assaying differential expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☑ 3. Document ID: US 5877309 A

L1: Entry 3 of 8 File: USPT Mar 2, 1999

US-PAT-NO: 5877309
DOCUMENT-IDENTIFIER: US 5877309 A
TITLE: Antisense oligonucleotides against JNK

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☑ 4. Document ID: WO 200031132 A1

L1: Entry 4 of 8 File: DWPI Jun 2, 2000

DERWENT-ACC-NO: 2000-400042
DERWENT-WEEK: 200034
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TITLE: Polypeptides binding to Jun N-terminal protein kinase for treatment and diagnosis of nervous system and inflammatory disorders

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☑ 5. Document ID: AU 9937868 A, WO 9957253 A2

L1: Entry 5 of 8 File: DWPI Nov 23, 1999

DERWENT-ACC-NO: 2000-023579
DERWENT-WEEK: 200016

TITLE: New crystallized c-Jun N-terminal kinase compositions, used for determining the structure of JNKs for identifying agonists and antagonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 6. Document ID: AU 9920115 A, WO 9933999 A1

L1: Entry 6 of 8 File: DWPI Jul 19, 1999

DERWENT-ACC-NO: 1999-430246
DERWENT-WEEK: 199951

TITLE: New mitogen-activated protein kinase kinase 7 (MKK7)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☑ 7. Document ID: AU 9911860 A, WO 9918193 A1

L1: Entry 7 of 8 File: DWPI Apr 27, 1999

DERWENT-ACC-NO: 1999-287734
DERWENT-WEEK: 199936

TITLE: Identification of c-Jun N-terminal kinase 3 modulators

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Clip Img | Image

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☑ 8. Document ID: EP 1003916 A1, WO 9909214 A1, US 5877309 A, AU 9887750 A

L1: Entry 8 of 8 File: DWPI May 31, 2000

DERWENT-ACC-NO: 1999-181060
DERWENT-WEEK: 200031

TITLE: New antisense oligonucleotides that detect and modulate the expression of Jun N-terminal kinase proteins - useful for treating hyperproliferative diseases and inhibiting tumor growth in animals, and for modulating protein phosphorylation by these proteins

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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Terms	Documents
JNK3	8

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January 1997, Volume 4, Number 1, Pages 45-54

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Paper

Expression of small, therapeutic RNAs in human cell nuclei

P D Good[1], A J Krikos[1], S X L Li[2], E Bertrand[3], N S Lee[3], L Giver[4], A Ellington[4], J A Zaia[2], J J Rossi[3] and D R Engelke[1]

[1]*Department of Biological Chemistry, University of Michigan, Ann Arbor, MI, USA*

[2]*Department of Pediatrics, City of Hope, Duarte, CA, USA*

[3]*Center for Molecular Biology and Gene Technology, Loma Linda University, Loma Linda, CA, USA*

[4]*Department of Chemistry, Indiana University, Bloomington, IN, USA*

Abstract

Effective intracellular expression of small RNA therapeutics depends on a number of factors. The RNA, whether antisense, ribozyme, or RNA aptamer, must be efficiently transcribed, stabilized against rapid degradation, folded correctly, and directed to the part of the cell where it can be most effective. To overcome a number of these problems we have been testing expression cassettes based on the human $tRNA^{met}$ and U6 snRNA promoters, in which transcripts encoding small RNA inserts are protected against attack from the 3' end. Transient expression in cultured cells results in 10^3–2×10^7 full-length transcripts per cell, depending partially on the promoter construct used but also on the nature of the insert RNA. 5' γ-Phosphate methylation (capping) depended, as expected, on the inclusion of specific U6 snRNA sequences from positions +19 to +27. In situ localization of the transcripts shows that both tRNA

and U6 promoter transcripts give primarily punctate nuclear patterns, and that capping of transcripts is not required for nuclear retention. Several different insert RNAs directed against HIV-1 were tested by cotransfection with HIV-1 provirus and assay for subsequent viral reverse transcriptase production. These include antisense RNA, hairpin and hammerhead ribozymes, and RNA ligands (aptamers) for Tat and Rev RNA binding proteins. Results show that Rev-binding RNAs efficiently block HIV-1 gene expression, whereas other RNAs have little or no effect when expressed in these cassettes.

Keywords

aptamers; HIV-1; ribozymes; small nuclear RNA; U6

Received 25 June 1996; accepted 30 September 1996

January 1997, Volume 4, Number 1, Pages 45-54

Table of contents Previous Abstract Next Article PDF

1: Bioorg Med Chem 1996 Jun;4(6):739-66 Related Articles, Links

Progress towards understanding beta-sheet structure.

Nesloney CL, Kelly JW.

Department of Chemistry, Texas A & M University, College Station 77843-3255, USA.

This review is focused on recent advances in our understanding of beta-sheet structure. It is intended to supplement previous surveys describing the early characterization and study of beta-sheet structure. The first two sections of this review provide a brief introduction to beta-sheet structure referencing the prior comprehensive reviews in this area as well as integrating new concepts. The next part outlines the typical problems encountered in solution studies on beta-sheet structures. The most useful spectroscopic and biophysical techniques used to characterize beta-sheet structures are described in the fourth section. Current hypotheses regarding the folding of predominantly beta-sheet proteins are discussed in some detail in the fifth segment. The efforts of a number of laboratories to utilize peptides or peptidomimetics to serve as small beta-sheet model systems are reviewed in the penultimate section. Finally, the efforts of a number of research groups focusing on the de novo design of beta-sheet-based proteins are outlined.

Publication Types:
- Review
- Review, Academic

PMID: 8818225 [PubMed - indexed for MEDLINE]

NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for peptidomimetics Go Clear

Limits Preview/Index History Clipboard Details

Field: **Title,** Limits: **Publication Date from 1985 to 1996, Review**

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Items 1-5 of 5 One page.

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Related Resources

1: Claeson G. Related Articles, Links

Synthetic peptides and peptidomimetics as substrates and inhibitors of thrombin and other proteases in the blood coagulation system.
Blood Coagul Fibrinolysis. 1994 Jun;5(3):411-36. Review.
PMID: 8075312 [PubMed - indexed for MEDLINE]

2: Nakanishi H, Ramurthy S, Raktabutr A, Shen R, Kahn M. Related Articles, Links

Peptidomimetics of the immunoglobulin supergene family--a review.
Gene. 1993 Dec 27;137(1):51-6. Review.
PMID: 8282200 [PubMed - indexed for MEDLINE]

3: Wiley RA, Rich DH. Related Articles, Links

Peptidomimetics derived from natural products.
Med Res Rev. 1993 May;13(3):327-84. Review.
PMID: 8483337 [PubMed - indexed for MEDLINE]

4: Ronsisvalle G, Pappalardo MS, Spampinato S, Mele A. Related Articles, Links

Opioid receptors: development of selective peptidomimetics with agonist or antagonist activity.
Farmaco. 1991 Jan;46(1 Suppl):171-5. Review. No abstract available.
PMID: 1649610 [PubMed - indexed for MEDLINE]

5: Kemp DS. Related Articles, Links

Peptidomimetics and the template approach to nucleation of beta-sheets and alpha-helices in peptides.
Trends Biotechnol. 1990 Sep;8(9):249-55. Review.
PMID: 1366733 [PubMed - indexed for MEDLINE]

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Items 1-5 of 5 One page.

1: Gene 1993 Dec 27;137(1):51-6 Related Articles, Links

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Related Resources

Peptidomimetics of the immunoglobulin supergene family--a review.

Nakanishi H, Ramurthy S, Raktabutr A, Shen R, Kahn M.

Molecumetics Institute, Bellevue, WA 98005.

An important goal of structural biochemistry is the reduction of complex molecules to small functional units that are amenable to high-resolution structural analysis and rapid modification. The dissection of multidomain proteins into small synthetic conformationally restricted components is an important step in the design of low-molecular-weight nonpeptides that mimic the activity of the native protein. Mimetics of critical functional domains might possess beneficial properties in comparison to the intact proteinaceous species with regard to specificity and therapeutic potential, and are valuable probes for the study of molecular recognition events.

Publication Types:

- Review
- Review, Tutorial

PMID: 8282200 [PubMed - indexed for MEDLINE]

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1. Document ID: US 5470849 A

L3: Entry 1 of 14 File: USPT Nov 28, 1995

US-PAT-NO: 5470849
DOCUMENT-IDENTIFIER: US 5470849 A

TITLE: .gamma.-turn peptidomimetics as fibrinogen antagonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

2. Document ID: US 5288707 A

L3: Entry 2 of 14 File: USPT Feb 22, 1994

US-PAT-NO: 5288707
DOCUMENT-IDENTIFIER: US 5288707 A

TITLE: Borolysine peptidomimetics

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

3. Document ID: US 5250564 A

L3: Entry 3 of 14 File: USPT Oct 5, 1993

US-PAT-NO: 5250564
DOCUMENT-IDENTIFIER: US 5250564 A

TITLE: Aromatic peptidomimetics

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

4. Document ID: WO 9515973 A1

L3: Entry 4 of 14 File: EPAB Jun 15, 1995

PUB-NO: WO009515973A1
DOCUMENT-IDENTIFIER: WO 9515973 A1
TITLE: CS-1 PEPTIDOMIMETICS, COMPOSITIONS AND METHODS OF USING THE SAME

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

5. Document ID: WO 9511686 A1

L3: Entry 5 of 14 File: EPAB May 4, 1995

PUB-NO: WO0009511686A1
DOCUMENT-IDENTIFIER: WO 9511686 A1
TITLE: NON-PEPTIDE PEPTIDOMIMETICS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Clip Img | Image

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☐ 6. Document ID: WO 9317032 A1

L3: Entry 6 of 14 File: EPAB Sep 2, 1993

PUB-NO: WO0009317032A1
DOCUMENT-IDENTIFIER: WO 9317032 A1
TITLE: TECHNIQUES AND INTERMEDIATES FOR PREPARING NON-PEPTIDE PEPTIDOMIMETICS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

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☐ 7. Document ID: WO 9311731 A2

L3: Entry 7 of 14 File: EPAB Jun 24, 1993

PUB-NO: WO0009311731A2
DOCUMENT-IDENTIFIER: WO 9311731 A2
TITLE: ALICYCLIC PEPTIDOMIMETICS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Clip Img | Image

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☐ 8. Document ID: WO 9309133 A1

L3: Entry 8 of 14 File: EPAB May 13, 1993

PUB-NO: WO0009309133A1
DOCUMENT-IDENTIFIER: WO 9309133 A1
TITLE: C8-CYCLIC PEPTIDOMIMETICS AS FIBRINOGEN ANTAGONISTS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

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☐ 9. Document ID: WO 9307886 A1

L3: Entry 9 of 14 File: EPAB Apr 29, 1993

PUB-NO: WO0009307886A1
DOCUMENT-IDENTIFIER: WO 9307886 A1
TITLE: PHARMACEUTICAL COMPOSITION CONTAINING CERTAIN PEPTIDOMIMETIC COMPOUNDS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Clip Img | Image

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☐ 10. Document ID: WO 9220704 A1

L3: Entry 10 of 14 File: EPAB Nov 26, 1992

PUB-NO: WO0009220704A1
DOCUMENT-IDENTIFIER: WO 9220704 A1
TITLE: PEPTIDOMIMETIC INHIBITORS OF HIV GP120 BINDING TO CD4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Drawi Desc | Image

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☐ 11. Document ID: WO 9207568 A1

L3: Entry 11 of 14 File: EPAB May 14, 1992

PUB-NO: WO0009207568A1
DOCUMENT-IDENTIFIER: WO 9207568 A1
TITLE: gamma -TURN PEPTIDOMIMETICS AS FIBRINOGEN ANTAGONISTS

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Drawi Desc | Image

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☐ 12. Document ID: WO 9525118 A2 WO 9525118 A3 US 5580979 A

L3: Entry 12 of 14 File: DWPI Sep 21, 1995

DERWENT-ACC-NO: 1995-344391
DERWENT-WEEK: 199834

TITLE: New phospho:tyrosine-contg. cpds. - useful as peptidomimetic cpds. which inhibit binding of phospho:proteins to SH2 domains

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Drawi Desc | Clip Img | Image

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☐ 13. Document ID: US 5331573 A

L3: Entry 13 of 14 File: DWPI Jul 19, 1994

DERWENT-ACC-NO: 1994-234155
DERWENT-WEEK: 199821

TITLE: Prodn. of peptide or peptidomimetic drugs - by introducing chemically modified moieties based on conformation studies and testing for bio-activity

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Drawi Desc | Image

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☐ 14. Document ID: WO 9220704 A1 AU 9221432 A

L3: Entry 14 of 14 File: DWPI Nov 26, 1992

DERWENT-ACC-NO: 1992-415705
DERWENT-WEEK: 199250

TITLE: Peptidomimetic inhibitors of HIV gp-120 binding to CD4 - used for treating AIDS and HIV infection

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